

Appl. No. 09/911,066
Amdt. Dated July 2, 2003
Reply to Office Action of April 4, 2003

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously canceled)

Claims 2-9 (canceled)

Claim 10 (previously canceled)

Claim 11 (previously amended): A static gasket as claimed in Claim 22, wherein said carrier has a thickness of between about 10 to 500 μ m.

Claim 12 (previously amended): A static gasket as claimed in Claims 22, wherein said elastomeric polymer member is selected from silicone, fluorosilicone, nitrile rubber and EPDM.

Claim 13 (currently amended): A static gasket as Claimed in Claim 22, wherein said elastomeric polymer member has a Duro A hardness of between about 10 to and 70.

Claims 14-16 (previously canceled)

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Claim 17 (previously amended): A static gasket as claimed in Claim 23, wherein said elastomeric polymer member is selected from silicone, fluorosilicone, nitrile rubber and EPDM.

Claim 18 (currently amended): A static gasket as claimed in Claim 16, 23, wherein said carrier has a thickness of between about 10 to 500 μ m.

Claim 19 (currently amended): A static gasket as claimed in Claim 16, 23, wherein said carrier member and said elastomeric member have a combined thickness in the range of about 0.1 to 10 mm.

Claim 20 (currently amended): A static gasket as claimed in Claim 16, 23, wherein said carrier member is made of a polymer film, said polymer film selected from polyesters, polyimides and polyamides.

Claim 21 (canceled)

Claim 22 (presently amended): A static gasket for sealing electrolyte fluids, said static gasket comprising:

a first carrier member having first and second opposite end portions;

a second carrier member having first and second opposite end portions, said second carrier member being disposed counterposedly under the first carrier member;

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an a pair of elastomeric polymer member members each disposed on an upper surface of the first end portion of the first and second carrier member, members respectively, said elastomeric polymer member having an adhesive component which causes said elastomeric polymer member to bond to said carrier member and prevents contamination of a the electrolyte fluid being sealed, said first carrier member and said elastomeric polymer member having a combined thickness in the range of from about 0.01 to about 10 mm; and mm, wherein when both carrier members are placed between a pair of planar plates and pressed between the plates, the elastomeric polymer members establish a seal for the electrolyte fluid; and

a compression limiter provided adjacent between the first and second carrier members and horizontally adjacent to said elastomeric polymer member members to limit both the compression on of said elastomeric polymer member members, whereby an element other than the elastomeric polymer members can be supported and a distance between the second first end portions of the first and second carrier members so as to support a holder to be supported when the first and second carrier members are compressed toward each other in a vertical direction.

Claim 23 (presently amended): A static gasket for sealing electrolyte fluids, said static gasket comprising:

a first carrier member having first and second opposite end portions;
a second carrier member having first and second opposite end portions, said second carrier member being disposed counterposedly under the first carrier member;

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a pair of self-bonding elastomer members each formed on an outer surface of said first and second carrier member, members respectively, said elastomer member members being bonded directly to said first carrier member members exclusive of an additional adhesive layer; layer, wherein when both carrier members are placed between a pair of planar plates and pressed between the plates, the elastomer members establish a seal for the electrolyte fluid; and

a compression limiter provided between the first and second carrier members and horizontally adjacent to said elastomeric polymer member elastomer members to limit both the compression of [on] said elastomeric polymer member elastomer members, whereby an element other than the elastomer members can be supported and a distance between the second first end portions of the first and second carrier members so as to support a holder to be supported when the first and second carrier members are compressed toward each other in a vertical direction.

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